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References—Should conform to the following order: name of author, title of article, name of periodical, with volume, inclusive pages, month and year—i.e.: Lee GS: The heart rhythm following therapy with digitalis—In theory and practice. Arch Int Med 44:554-562, Dec 1942. They should be listed in the order in which they are cited in the text, numbered in sequence and punctuated as above.

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CONTRIBUTIONS OF "LETTERS TO THE EDITOR"

The Editorial Board will be glad to receive and consider for publication letters containing information of general interest to physicians or presenting constructive criticisms on issues of the day.

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BOOKS RECEIVED

Books received by THE WESTERN JOURNAL OF MEDICINE are acknowledged in this column. Selections will be made for more extensive review in the interest of readers as space permits.

ANTIMICROBIAL THERAPY—Second Edition—Benjamin M. Kagan, MD, Director, Department of Pediatrics, Consultant in Infectious Disease, Department of Medicine, Cedars-Sinai Medical Center; Professor of Pediatrics, University of California, Los Angeles, School of Medicine; With Contributions by 73 Authorities. W. B. Saunders Company, West Washington Square, Philadelphia (19105), 1974. 482 pages, \$22.00.

CLINICAL PERINATOLOGY—Edited by Silvio Aladjem, MD, Associate Professor, Department of Obstetrics and Gynecology, University of Illinois at the Medical Center, Chicago; and Audrey K. Brown, MD, Professor of Pediatrics, Director, Division of Pediatric-Hematology-Oncology, Medical College of Georgia, Augusta. The C. V. Mosby Company, 3301 Washington Boulevard, St. Louis, MO (63103), 1974. 492 pages, \$39.50.

CURRENT MEDICAL DIAGNOSIS AND TREATMENT—1975—Marcus A. Krupp, MD, Clinical Professor of Medicine, Stanford University School of Medicine, Director of Research, Palo Alto Medical Research Foundation, Director of Laboratories, Palo Alto Medical Clinic; Milton J. Chatton, MD, Clinical Professor of Medicine, Stanford University School of Medicine, Senior Attending Physician, Santa Clara Valley Medical Center, San Jose, Research Associate, Palo Alto Medical Research Foundation; and Associate Authors, Lange Medical Publications, Drawer L, Los Altos, CA (94022), 1975. 1044 pages, \$13.50.

DIAGNOSTIC AND THERAPEUTIC AIDS IN UROLOGY—Henry Bodner, MD, Associate Clinical Professor, Department of Surgery (Urology), Loma Linda University School of Medicine, White Memorial Hospital Division, Los Angeles; In Collaboration with John S. Arconti, Jr., MD, Formerly Clinical Instructor, Department of Surgery (Urology), UCLA Center for the Health Sciences; Allan H. Howard, MD, Associate Clinical Professor, Department of Surgery (Urology), University of California Medical Center, Irvine; and Robert O. Pearman, MD, Associate Professor, Department of Surgery (Urology), UCLA Center for the Health Sciences, Los Angeles. Charles C Thomas, Publisher, 301-327 East Lawrence Avenue, Springfield, IL (62703), 1974. 332 pages, \$24.75.

THE GODS OF LIFE—Neil Elliott, Macmillan Publishing Co., Inc., 866 Third Avenue, New York City (10022), 1974. 180 pages, \$7.95.

HOW MUCH FOR HEALTH?—Senator Warren G. Magnuson and Elliot A. Segal, MD, Assistant Dean, Yale Medical School, David McKay Company, Inc., 750 Third Avenue, New York City (10017), 1974. 210 pages, \$7.95.

HOW TO TEACH YOUR CHILDREN ABOUT SEX—Harry Preston; With Introduction by Gordon Anderson, MD, Books for Better Living, 21322 Lassen Street, Chatsworth, CA (91311), 1974. 176 pages, \$1.25 (Paperback).

IN DEFENSE OF THE BODY—An Introduction to the New Immunology—Roger Lewin, PhD, Science Editor, New Scientist, Doubleday & Company, Inc., 245 Park Avenue, New York City (10017), 1974. 146 pages, \$2.50 (Paperback).

INTRODUCTION TO CLINICAL EXAMINATION—Edited by John Macleod, Head of University Department of Medicine, Western General Hospital, Edinburgh; E. B. French, Reader, University Department of Medicine, Western General Hospital, Edinburgh; and J. F. Munro, Member Clinical Teaching Staff and University Department of Medicine, Western General Hospital, Edinburgh. Longman Inc., 72 Fifth Avenue, New York City (10011), 1974. 99 pages, \$5.00 (Paperback).

LIFESAVING, RESCUE AND WATER SAFETY—Prepared by The American National Red Cross, Doubleday & Company, Inc., 245 Park Avenue, New York City (10017), 1974. 240 pages, \$2.25.

THE MALNOURISHED MIND—Elie A. Shneour, MD, Anchor Books, Anchor Press/Doubleday, Garden City, NY (11530), 1975. 209 pages, \$2.95 (Paperback).

MONOGRAPH ON PROFESSIONAL STANDARDS REVIEW ORGANIZATIONS—Proceedings from PSRO—An Educational Forum, September 21, 1974, Department of Continuing Education in Health Sciences, University Extension; the School of Medicine; and the School of Public Health, University of California, Los Angeles—Raymond D. Goodman, MD, MPH, Editor, UCLA Extension, Room 540R, PO Box 24902, Los Angeles, CA (90024), 1975. 94 pages, \$5.00. (Make checks payable to The Regents of the University of California, and mail order to PO Box 24901, Dept. K, UCLA Extension, Los Angeles, CA 90024.)

PUBLIC EDUCATION ABOUT CANCER—Recent Research and Current Programmes—International Union Against Cancer (UICC), 1974. 73 pages: Individual copies available free-of-charge; bulk orders of 5 or more copies: 3 Swiss francs per copy. Orders should be addressed to: The Managing Editor, International Union Against Cancer, 3, rue du Conseil General, 1205 Geneva, Switzerland.

REFERRING THE PSYCHIATRIC PATIENT—A Guide for the Physician—Larry R. Kimsey, MD, Clinical Assistant Professor of Psychiatry; and Jean L. Roberts, MD, Clinical Instructor of Psychiatry, The University of Texas Southwestern Medical School at Dallas, Charles C Thomas, Publisher, 301-327 East Lawrence Avenue, Springfield, IL (62703), 1973. 80 pages, \$6.95.

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racy using flow volume curves. A fixed lesion reflects itself in the flattening of both the inspiratory and expiratory flow volume loops; whereas a variable lesion produces only flattening of the inspiratory loop, leaving the expiratory loop fairly normal.

Since upper airway obstruction is potentially correctable by surgical operation, it is imperative that its presence be detected.

ROBERT E. HILLBERG, MD

REFERENCES

- Spivey CJ Jr, Walsh RE, Perez-Guerra F, et al: Central airway obstruction—Report of seven cases. *JAMA* 226:1186-1189, Dec 1973
- Shim C, Corro P, Park SS, et al: Pulmonary function studies in patients with upper airway obstruction. *Am Rev Respir Dis* 106: 233-238, Aug 1972
- Hyatt RE, Black LF: The flow volume curve—A current perspective. *Am Rev Respir Dis* 107:191-199, Feb 1973

Exercise Training in the Treatment of Chronic Obstructive Lung Disease

THE LONG-TERM TREATMENT of patients with chronic obstructive lung disease (COLD) can be a frustrating experience at times. In spite of excellent medical care, little or no improvement in routine pulmonary function tests is shown. However, exercise training is one type of therapy producing evidence of definite objective improvement.

Exertional dyspnea and muscle fatigue are factors affecting and diminishing the "quality of life" for patients with moderately severe obstructive airway disease. In the past it has been common for a physician to advise a patient with COLD to limit his activity so that he does not do anything which would make him short of breath. The result of this advice is a more rapid deterioration

in cardiopulmonary conditioning with the inevitable result of the patient having to remain at home.

An intensive exercise training program should be considered for every patient with COLD whose activities are limited by muscle weakness or shortness of breath. A program of this kind involves careful cardiopulmonary testing before starting exercise training with a treadmill or bicycle ergometer under the supervision of a physical therapist. After the initial training phase has been completed, a progressive exercise program at home is set up for the patient.

An exercise program of this kind has been shown to result in decreased resting and exercise heart rate, respiratory rate and minute ventilation; decreased oxygen consumption and carbon dioxide production during exercise; increased cardiac output with exercise; decreased lactate accumulation during exercise, and dramatic increase in the maximal work load tolerated. Patients who ordinarily would not be able to tolerate intensive exercise because of severe hypoxia or cardiac arrhythmia can have the benefit of this training by using supplemental oxygen during exercise.

An exercise training program should be a key part of any pulmonary rehabilitation plan. The improvement in physical fitness which results leads to a better quality of life for a patient with chronic obstructive lung disease.

JOHN E. HODGKIN, MD

REFERENCES

- Pierce AK, Paez PN, Miller WF: Exercise testing with the aid of a portable oxygen supply in patients with emphysema. *Am Rev Resp Dis* 91:653-659, May 1965
- Bass H, Whitcomb JF, Forman R: Exercise training: Therapy for patients with chronic obstructive pulmonary disease. *Chest* 57:116-121, 1970

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CANCER

August 21-22—**Multidisciplinary Approach to Cancer Treatment.** UCSF at Children's Hospital, San Francisco. Thursday-Friday.

September 27-28—**New Scintigraphic Procedures for Tumor Diagnosis.** See Radiology and Pathology, September 27-28.

MEDICINE

July 21-24—**Primary Care Dermatology.** STAN. Monday-Thursday.

August 2—**Hypoglycemia: What It Is and Isn't.** UCLA. Saturday.

August 13-17—**Advanced Seminar in Dermatology.** UCI at Newporter Inn, Newport Beach. Wednesday-Sunday.

September 5-6—**San Diego County Heart Association—25th Annual Symposium.** Friday-Saturday. 13 hrs. \$20, members; \$25, non-members. Contact: Cathy Ware, Prog. Dir., SDCHA, 3640 5th Ave., San Diego 92103. (714) 291-7454.

September 12-14—**Practical Approaches to Arthritis.** UCI at Marriott Hotel, Newport Beach. Friday-Sunday.

September 18-June—**Review and Update in Surgery, Pediatrics, Ob-Gyn and Internal Medicine.** See Surgery, September 18-June.

September 19-20—**For the Physician in Private Practice: Strategies for Managing Hypertension.** PMC at St. Francis Hotel, San Francisco. Friday-Saturday. 18 hrs. \$25.

September 26-27—**Infectious Disease—8th Annual Fall Meeting.** Children's Hospital of Oakland at Highlands Inn, Carmel. Friday-Saturday. Contact: Inetta Calori, Medical Staff Office, Children's Hospital Medical Center, Oakland 94609. (415) 654-5600.

September 27-28—**Workshop in Dermatologic Surgery.** UCSF. Saturday-Sunday.

October 1-3—**San Francisco Heart Association—45th Annual Symposium.** Masonic Auditorium, San Francisco. Wednesday-Friday. 18 hrs. \$50. Contact: Evelyn Berggren, San Francisco Heart Assn., 259 Geary St., San Francisco 94102. (415) 982-5753.

October 1-4—**Laboratory Advance in Internal Medicine.** UCLA at Riviera Hotel, Palm Springs. Wednesday-Saturday.

October 3—**Kidney Foundation of Northern California—Symposium.** Hyatt Union Square, San Francisco. Friday. Contact: Michael H. Humphreys, MD, Prog. Chr., Kidney Foundation of No. Calif., UC Renal Center, S. F. General Hospital, Bldg. 100, Rm., 350, San Francisco 94110.

October 3-4—**Cardiology Symposium.** Southern California Permanente Medical Group at Century Plaza Hotel, Los Angeles. Friday-Saturday. Contact: Shirley C. Gach, Coord., So. Calif. Permanente Medical Group, 4900 Sunset Blvd., Rm. 6014, Los Angeles 90027. (213) 667-4241.

October 7-8—**Paul M. Aggeler Lecture—6th Annual.** See Of Interest To All, October 7-8.

October 9-12—**California Society of Internal Medicine.** Vacation Village, San Diego. Thursday-Sunday. Contact: Carol H. Handley, Exec. Dir., SCIM, 1412 Central Towers, 703 Market Street., San Francisco 94103. (415) 362-1548.

October 10—**Current Trends in Dermatologic Therapy.** PMC. Friday.

October 15-17—**Diabetes and Related Endocrine Diseases.** UCSF. Wednesday-Friday.

October 15-19—**American Association for Clinical Immunology and Allergy.** Riviera Hotel, Palm Springs. Wednesday-Sunday. Contact: Howard Silber, AACIA, P.O. Box 912, DTS, Omaha, Neb. 68101. (402) 558-5345.

KEY TO ABBREVIATIONS AND SYMBOLS

Medical Centers and CMA Contacts for Information

- CMA:** California Medical Association
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Contact: Malcolm S. M. Watts, MD, Associate Dean and Director, Extended Programs in Medical Education, School of Medicine, University of California, San Francisco 94143. (415) 666-2342.
- USC:** University of Southern California
Contact: Phil R. Manning, MD, Associate Dean, Postgraduate Division, University of Southern California School of Medicine, 2025 Zonal Avenue, Los Angeles 90033. (213) 226-2047.

October 24-25—**Symposium on Respiratory Care.** Fresno Community Hospital. Friday-Saturday. Contact: Joanne Ellis, Fresno Community Hospital, P.O. Box 1232, Fresno 93715.

October 26-30—**American College of Chest Physicians—41st Annual Scientific Assembly.** Disneyland Hotel, Anaheim. Sunday-Thursday. Contact: Alfred Soffer, MD, Exec. Dir., ACCP, 911 Busse Highway, Park Ridge, Ill. 60068. (312) 698-2200.

OBSTETRICS AND GYNECOLOGY

September 18-June—**Review and Update in Surgery, Pediatrics, Ob-Gyn and Internal Medicine.** See Surgery, September 18.

September 25-27—**Fall Symposium in Obstetrics and Gynecology—Oncology, Endocrinology and Infertility.** UCSF at Stanford Court Hotel, San Francisco. Thursday-Saturday.

September 27-October 4—**Workshops in Gynecologic Oncology, High Risk Pregnancy and Endocrinology-Infertility.** UCSF at Maui, Hawaii. One week.

October 5-10—**Pacific Coast Obstetrical and Gynecological Society.** Pebble Beach. Sunday-Friday. Contact: Melvin W. Breese, MD, 1133 SW Market St., Portland, Ore. 97201.

October 7-8—**Paul M. Aggeler Lecture—6th Annual.** See Of Interest To All, October 7-8.

October 15-19—**Pacific Coast Fertility Society—Annual Meeting.** Canyon Hotel, Palm Springs. Wednesday-Sunday. 31 hrs. \$15 for members; \$25, non-members. Contact: Ms. Dee Davis, Exec. Sec., PCFS, 5410 Wilshire Blvd., Suite 600, Los Angeles 90036. (213) 937-5514.

October 24-25—**Perinatal Neurology.** UCSF at Childrens Hospital, San Francisco. Friday-Saturday.

October 31—**Advances in Gynecology.** Northern California Ob-Gyn Society at Sacramento. Friday. Contact: Solon Barbis, MD, 1816 Professional Dr., Sacramento 95825.

PEDIATRICS

September 18-June—**Review and Update in Surgery, Pediatrics, Ob-Gyn and Internal Medicine.** See Surgery, September 18.

September 24-25—**Brennemann Memorial Lectures—32nd Annual.** Los Angeles Pediatric Society at Sportsmen's Lodge, North Hollywood. Wednesday-Thursday. Contact: Mrs. Eve Black, Exec. Sec., P.O. Box 2022, Inglewood 90305. (213) 757-1198.

PSYCHIATRY

July 26-27—**A Biofeedback Workshop.** UC, Santa Cruz. Saturday-Sunday. 15 hrs. \$75. Contact: Darla Chadima, Cont. Ed. Specialist, Applied Sciences Bldg., UC Extension, Santa Cruz 95064. (408) 429-2971.

September 20—**Psychotherapy.** UCD, Central California Psychiatric Society and Fresno County Dept. of Mental Health at Rodeway Inn, Fresno. Saturday. Contact: Central Calif. Psych. Society, 451 Parkfair Dr., Suite 4, Sacramento 95825. (916) 488-4320.

October 7-28—**Introduction to Behavioral Medicine.** UCLA. Tuesday evenings.

RADIOLOGY AND PATHOLOGY

August 10-15—**The Pathology and Radiology of Bone and Joint Diseases.** UCLA at UC Residential Conference Center, Lake Arrowhead. Sunday-Friday.

September 27—**Current Topics in Diagnostic Radiology.** Southern California Permanente Medical Group at Marriott Hotel, Los Angeles. Saturday. Contact: Shirley Gach, So. Calif. Permanente Medical Group, 4900 Sunset Blvd., Los Angeles 90027. (213) 667-4241.

September 27-28—**Nuclear Medicine.** UCLA. Saturday-Sunday.

September 27-28—**New Scintigraphic Procedures for Tumor Diagnosis.** UCLA. Saturday-Sunday.

October 8-12—**American Society of Therapeutic Radiologists.** Hyatt Regency, San Francisco. Wednesday-Sunday. Contact: Sheila McGing, Exec. Sec., ASTR, 20 N. Wacker Dr., Room 2920, Chicago, Ill. 60606.

SURGERY AND ANESTHESIOLOGY

July 17-18—**Phaco-Fragmentation.** UCSF. Thursday-Friday.

July 19—**Phacoemulsification with Insertion of an Intraocular Lens.** St. Mary's Hospital and Medical Center, San Francisco. Saturday. \$200. Contact: St. Mary's Hospital and Medical Center, 2200 Hayes St., San Francisco 94117.

August 6-10—**Urology—Annual Advanced Seminar.** UCLA at UC Residential Conference Center, Lake Arrowhead. Wednesday-Sunday.

August 7-8—**Phaco-Fragmentation.** UCSF. Thursday-Friday.

August 17-29—**Temporal Bone Surgical Dissection Course.** Ear Research Institute, Los Angeles. Two weeks. \$1200 for otolaryngologists; \$900 for residents. Contact: Jack L. Pulec, MD, Ear Research Institute, 2130 W. 3rd St., Los Angeles 90057.

September 3-November 19—**Acupuncture for Control and Management of Musculo-Skeletal Pain.** UCLA. Wednesday evenings.

September 6-13—**Practical Management of Anesthetic Problems.** USC at Mauna Kea Beach Hotel, Kamuela, Hawaii. One week.

September 7-19—**Temporal Bone Surgical Dissection Course.** Ear Research Institute, Los Angeles. Two weeks. \$1,200 for otolaryngologists; \$900 for residents. Contact: Jack L. Pulec, MD, Ear Research Institute, 2130 W. 3rd St., Los Angeles 90057.

September 11-12—**Phaco-Fragmentation.** UCSF. Thursday-Friday.

September 18-June—**Review and Update in Surgery, Pediatrics, Ob-Gyn and Internal Medicine.** Cedars-Sinai Medical Center at Mt. Sinai Hospital, Los Angeles. Thursday evenings. Contact: Linda Alperstein, Coordinator, Cont. Med. Ed., Cedars-Sinai Medical Center, 4833 Fountain Ave., Los Angeles 90029. (213) 662-9111, ext. 206.

September 27-28—**American Society of Anesthesiologists—Regional Refresher Course.** Disneyland Hotel, Anaheim. Saturday-Sunday. 8 hrs. \$50. Contact: John S. Hattox, Jr., MD, ASA, 515 Busse Highway, Park Ridge, Ill. 60068. (312) 825-5586.

September 27-28—**Workshop in Dermatologic Surgery.** See Medicine, September 27-28.

September 28-October 1—**Western Neurosurgical Society.** Mauna Kea Beach Hotel, Kamuela, Hawaii. Sunday-Wednesday. Contact: John S. Tytus, MD, 1118 9th Ave., Seattle 98101. (206) 223-6641.

October 9-10—**Phaco-Fragmentation.** UCSF. Thursday-Friday

October 13-17—**American College of Surgeons—Clinical Congress.** Fairmont Hotel, San Francisco. Monday-Friday. Contact: C. Rollins Hanlon, MD, 55 E. Erie St., Chicago, Ill 60611.

October 24-25—**Retinal Symposium.** PMC at Fairmont Hotel San Francisco. Friday-Saturday.

October 26-30—**Western Orthopedic Association.** Hilton Hotel San Francisco. Sunday-Thursday. 18 hrs. Contact: H. Jacqueline Martin, Exec. Sec., WOA, 1970 Broadway, Suite 123 Oakland 94612. (415) 893-1257.

Orthopaedic Audio-Synopsis Foundation. A non-profit service for Orthopaedic Surgeons publishing monthly recorded teaching programs which include summaries of pertinent literature and excerpts from national and international orthopaedic meetings. Monthly c-60 cassette tapes. Annual subscription rate \$75 (\$37.50 for residents). Contact: A. Harris, Man. Ed., OASF, 1510 Oxley St., So. Pasadena 91030. (213) 682-1760.

OF INTEREST TO ALL PHYSICIANS

July 11-20—**Associated Alumni-California College of Medicine—Annual Convention.** Hawaii. 10 days. Contact: Kay Stewart, Exec. Dir., Associated Alumni, CCM, 710 N. Euclid, Suite 210, Anaheim 92801. (714) 776-8820.

July 14-18—**Postgraduate Institute for Emergency Physicians—Symposium I.** UCSD. Monday-Friday.

August 2—**Hypoglycemia: What It Is and Isn't.** See Medicine, August 2.

August 11-15—**Postgraduate Refresher Course—18th Annual.** USC at Sheraton-Waikiki Hotel, Honolulu. Monday-Friday.

August 11-15—**Postgraduate Institute for Emergency Physicians—Symposium II.** UCSD. Monday-Friday.

August 14-17—**Association of Philippine Practicing Physicians In America—4th Annual Convention.** Fairmont Hotel, San Francisco. Thursday-Sunday. Contact: Lucito G. Gamboa, 35 Bradford Lane, Oak Brook, Ill. 60521. (312) 654-1126.

August 17-21—**American Society for Pharmacology and Experimental Therapeutics.** UCD. Sunday-Thursday. Contact: Dr. Keith F. Killam, Jr., Chr., Dept. of Pharmacology, UCD. (916) 752-3421.

August 20-24—**Family Practice Refresher Course—2nd Annual.** UCLA and Santa Monica Medical Center. Wednesday-Sunday.

August 24-29—**Family Practice Refresher Course—3rd Annual.** UCD. Sunday-Friday.

September 2-7—**Family Practice Review Course—6th Annual.** UCI at Newporter Inn, Newport Beach. Tuesday-Sunday.

September 3-November 19—**Acupuncture for Control and Management of Musculo-Skeletal Pain.** See Surgery, September 3-November 19.

September 9-October 28—**Evening Lectures in Medicine.** UCSF at Oakland Hospital, Oakland Hospital. Tuesday evenings.

September 14-19—**Emergency Medical Care Review.** UCD at Pajaro Dunes. Sunday-Friday.

September 15-19—**New Ways to Foster Health and Human Well-Being.** Health Training Resources Center, California Dept. of Health, at 1625 Shattuck Ave., Berkeley. Monday-Friday. Contact: Health Training Resources Ctr., Calif. Dept. of Health, 2151 Berkeley Way, Berkeley 94704.

September 18-19—**Experimental Approaches to the Study on Manipulation Therapy.** UCI at Center for Health Education, Long Beach. Thursday-Friday.

September 19-20—**For the Physician in Private Practice: Strategies for Managing Hypertension.** See Medicine, September 19-20.

September 22-26—**Topics in Emergency Medicine.** UCSF. Monday-Friday.

September 23-November 25—**Yoga: Clinical Applications and Techniques.** UCLA at 1620 Preuss Rd., W. Los Angeles. Tuesday, 7:30-10:00 p.m. 25 hrs. \$85.

October 2-4—**Western Occupational Medical Association.** Sheraton Harbor Isle, San Diego. Thursday-Saturday. Contact: B. H. Bravinder, P.O. Box 201, Alamo 94507. (415) 837-0874.

October 6-10—**Primary Care.** STAN. Monday-Friday.

October 7-8—**Paul M. Aggeler Lecture—6th Annual.** San Francisco General Hospital (7th) and UCSF (8th). Tuesday-Wednesday. Visiting professor will be D. J. Weatherall, MD, Radcliffe Infirmary, Oxford, England. October 7—**Molecular Pathology of the Thalassemia Disorders.** October 8—**Clinical and Genetic Aspects of the Control of Foetal Haemoglobin Production.** Contact: Susan Nutter, S.F. General Hospital, 1001 Potrero Ave., San Francisco 94110. (415) 648-8200, ext. 404.

October 8-11—**Medical Society of the United States and Mexico—23rd Annual Meeting.** Hilton Hotel, San Francisco. Wednesday-Saturday. Contact: Virginia E. Bryant, Exec. Sec., 333 W. Thomas Rd., Suite 207, Phoenix, Ariz. 85013.

October 9-11—**Wound Healing—Theory and Practice.** UCSF at St. Francis Hotel, San Francisco. Thursday-Saturday.

October 9-30—**Introduction to Humanistic Medicine.** UCLA. Thursdays.

October 11—**American Geriatrics Society, Inc., Western Division—4th Annual Meeting.** Newporter Inn, Newport Beach. Saturday. \$35. Contact: Irving Hirshleifer, MD, 1080 N. Indian Ave., Palm Springs 92262. (714) 325-5044.

October 16-17—**Immunology for the Practicing Physician.** UCSF. Thursday-Friday.

October 17—**Antiplatelet Drugs and Thrombosis.** PMC at Miyako Hotel, San Francisco. Friday.

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PRECEPTORSHIPS AND TRAINEESHIPS

Training for Physicians in General Internal Medicine. LLU. Four weeks or more, by arrangement. Bedside and classroom training, practical aspects of clinical care and management. 160 hrs. Contact: John E. Peterson, MD, LLU.

Training of Physicians in Modern Concepts of Pulmonary Care. LLU. Four weeks or more, by arrangement. Diagnostic and therapeutic methods in medical chest disease, physiological methodology of modern pulmonary care programs, use of new instrumentation in the field. 160 hrs. Contact: John E. Hodgkin, MD, Chief, Section of Medical Chest Diseases, LLU.

Training for Physicians in Nephrology. LLU. Four weeks or more, by arrangement. Hemodialysis, peritoneal dialysis, renal biopsy, and kidney transplantation. 160 hrs. Contact: Robert E. Soderblom, MD, LLU.

Preceptorships in Cardiology. PMC. By arrangement. \$200 per mo.; \$500 for 3 mos. Contact: Arthur Selzer, MD, PMC.

Preceptorships in Practical Office Dermatology. PMC. Wednesdays or Fridays, 9:00 a.m.-12:00 noon, for 10 weeks. Periods begin Oct., Jan., or April. \$100. Contact: Harold M. Schneidman, MD, Dept. of Dermatology, PMC.

Preceptorships in Infectious Disease. PMC. Full time for four weeks. To be arranged. \$250. Contact: Rodney J. Valentine, MD, Chief, Div. of Infectious Diseases, PMC.

Preceptorships in Basic Sciences, Biochemistry and Biophysics, Dermatology, Echocardiography, International Health, Microbiology, Neurological Surgery, Obstetrics and Gynecology, Pediatrics, Pharmacology and Experimental Therapeutics, Physiology, Psychiatry, Urology. UCSF. By special arrangement.

Traineeships in Renal Dialysis. UCSF. By special arrangement.

(Continued on Page 41)

September 3-5—**Western Conference of the American Lung Associations.** Wednesday-Friday. Olympic Hotel, Seattle. Contact: Janet Chalupnik, Washington Lung Association, 216 Broadway E., Seattle 98102. (206) 329-4411.

September 8-10—**Topics in Clinical Microbiology.** Monday-Wednesday. Univ. of Wash. Health Sciences Center, Seattle. 9 hrs., \$100. Contact: Richard L. Reimer, Asst. Dir. CME, E-305 HSB, SC-50, Univ. of Wash. Sch. of Med., Seattle 98195. (206) 543-1050.

September 10-12—**Recent Advances in Infectious Diseases—American College of Physicians.** Wednesday-Friday. Olympic Hotel, Seattle. 16 hrs. Members, FACP \$100; non-members, \$150; ACP Associates, \$50. Contact: Richard L. Reimer, Asst. Dir. CME, E-305 HSB, SC-50, Univ. of Wash. Sch. of Med., Seattle 98195. (206) 543-1050.

September 12-13—**American College of Physicians Regional Meeting with Washington State Society of Internal Medicine.** Friday-Saturday. Olympic Hotel, Seattle. 5½ hrs. \$25. Contact: Richard L. Reimer, Asst. Dir. CME, E-305 HSB, SC-50, Univ. of Wash. Sch. of Med., Seattle 98195. (206) 543-1050.

September 14-17—**North Pacific Pediatric Society Annual Meeting.** Sunday-Wednesday. Rosario, Orcas Island, Washington. Contact: Bernard P. DeJong, MD, Secretary, 3195 Granville St., Vancouver 9, B.C., Canada. (604) 738-2102.

September 15-16—**Liver and Cancer.** Monday-Tuesday. Univ. of Wash. Health Sciences Center, Seattle. Hours and fee to be determined. Contact: Richard L. Reimer, Asst. Dir. CME, E-305 HSB, SC-50, Univ. of Wash. Sch. of Med., Seattle 98195. (206) 543-1050.

September 17-19—**Physical Therapy Training Institute.** Wednesday-Friday. Univ. of Wash. Health Sciences Center, Seattle. Hours and fee to be determined. Contact: Richard L. Reimer, Asst. Dir. CME, E-305 HSB, SC-50, Univ. of Wash. Sch. of Med., Seattle 98195. (206) 543-1050.

September 19-22—**Washington State Medical Association Annual Meeting.** Friday-Monday. Olympic Hotel, Seattle. Contact: Harlan Knudson, Exec. Director, 444 N.E. Ravenna Blvd., Seattle 98115. (206) 523-9110.

September 26-27—**Arthritis Days '75.** Friday-Saturday. Olympic Hotel and Univ. of Wash. Health Sciences Center, Seattle. 9 hrs. Fee to be determined. Contact: Richard L. Reimer, Asst. Dir. CME, E-305 HSB, SC-50, Univ. of Wash. Sch. of Med., Seattle 98195. (206) 543-1050.

September 26-27—**Review of Basic OB-GYN.** Friday-Saturday. Virginia Mason Medical Center Auditorium, Seattle. 9 hrs. \$50. Contact: Div. of CME, Virginia Mason Medical Center, 1111 Terry Ave., Seattle 98101. (206) 223-6898.

October 1-June 9, 1975—**Internal Medicine Review.** Wednesday evenings, 6 p.m.-8 p.m., 35 weeks. Univ. of Wash. Health Sciences Center, Seattle. 70 hrs. \$50. Contact: Richard L. Reimer, Asst. Dir. CME, E-305 HSB, SC-50, Univ. of Wash. Sch. of Med., Seattle 98195. (206) 543-1050.

October 2-4—**Montana State Medical Association Annual Meeting.** Thursday-Saturday. Fairmont Hot Springs Resort, Gregson, Montana. Contact: G. Brian Zins, Exec. Director, 2021 11th Ave., Suite 12, Helena, MT 59601.

October 4-5—**Skin Surgical Techniques.** Saturday-Sunday. Univ. of Wash. Health Sciences Center, Seattle. Limited to 50. Hours and fee to be determined. Contact: Richard L. Reimer, Asst. Dir. CME, E-305 HSB, SC-50, Univ. of Wash. Sch. of Med., Seattle 98195. (206) 543-1050.

October 13-17—**Treating the Untreatable—Univ. of Washington School of Medicine's Eastern Washington Circuit Course.** Pullman, 13; Walla Walla, 14; Tri-Cities, 15; Yakima, 16; Wenatchee, 17. 4 hrs. Physicians, \$25; others, \$10. Contact: Richard L. Reimer, Asst. Dir. CME, E-305 HSB, SC-50, Univ. of Wash. Sch. of Med., Seattle 98195. (206) 543-1050.

October 14-19—**American Society of Clinical Hypnosis Annual Meeting.** Tuesday-Sunday. Washington Plaza Hotel, Seattle. Contact: Ernest T. Guy, Exec. Director, East Devon Ave., Suite 218, Des Plaines, IL 60018. (312) 297-3317.

October 16-17—**Team Effort in the Management of Cancer.** Thursday-Friday. Univ. of Wash. Health Sciences Center, Seattle. Hours and fee to be determined. Contact: Richard L. Reimer, Asst. Dir. CME, E-305 HSB, SC-50, Univ. of Wash. Sch. of Med., Seattle 98195. (206) 543-1050.

October 17-18—**Washington State Heart Association Symposium.** Friday-Saturday. Olympic Hotel, Seattle. Fee to be determined. Contact: De Loris Savage, R.N., Wash. State Heart Assoc., 333 1st Ave. W., Seattle 98119. (206) 285-2415.

October 30-31—**Office Management of Chronic Pain.** Thursday-Friday. Univ. of Wash. Health Sciences Center, Seattle. Hours and fee to be determined. Contact: Richard L. Reimer, Asst. Dir. CME, E-305 HSB, SC-50, Univ. of Wash. Sch. of Med., Seattle 98195. (206) 543-1050.

Index to The Western Journal of Medicine Advertising

Ames Company	
<i>Diastix</i>	10
Armour Pharmaceuticals Co.	
<i>Letter</i>	17
Ayerst Laboratories	
<i>Premarin</i>	6, 7
Boehringer Ingelheim Ltd.	
<i>Combipres</i>	11, 12, 13, 14, 15, 16
Books Received	17
Burroughs Wellcome Co.	
<i>Neosporin Ointment</i>	27
Classified	31, 36
Compton Foundation	36
Eli Lilly & Company, Inc.	
<i>Manufacturer of Darvocet-N 100</i> <i>and Darvon Compound-65</i>	26
Mead Johnson Laboratories	
<i>Vasodilan</i>	4
Merck Sharp & Dohme	
<i>Triavil</i>	18, 19, 20
Pharmaceutical Manufacturers Association	
<i>Drug Bioequivalence</i>	34, 35
Roche Laboratories	
<i>Dalmane</i>	2nd Cover and page 1
<i>Gantanol</i>	8, 9
William H. Rorer, Inc.	
<i>Camalox</i>	22, 23
<i>Maalox</i>	4th Cover
G. D. Searle & Co.	
<i>Pro-Banthine</i>	40, 41
Security Pacific Bank	5
Smith Kline & French Co.	
<i>Dyazide</i>	3
Union Bank	21
The Upjohn Company	
<i>Medrol</i>	32, 33
Warren-Teed Pharmaceuticals Incorporated	
<i>Modane</i>	3rd Cover
Wyeth Laboratories	
<i>Bicillin/Wycillin</i>	24, 25
<i>Ovral</i>	28, 29, 30